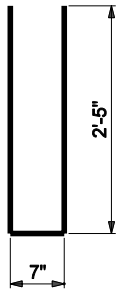
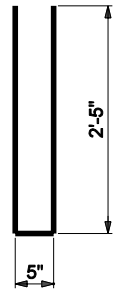


**NOTE:**

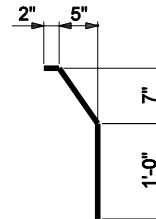
1. See Standard Drawing E 706-TASE-05 for General Notes.



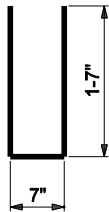
**582b x 5'-5"**



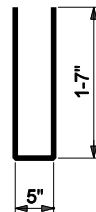
**582b x 5'-3"**



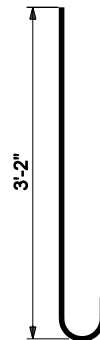
**585 x 2'-0"**



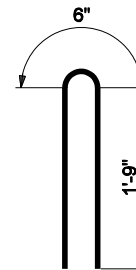
**584a x 3'-9"**



**584b x 3'-7"**



**589 x 3'-9"**



**583 x 4'-0"**

BILL OF MATERIALS			
These quantities are for one concrete bridge railing transition type TBT.			
EPOXY COATED REINFORCING STEEL			
Size and Mark	No. of Bars	Length (Ft.-in.)	Mass (Lbs.)
582a	21	5'-5"	
582b	16	5'-3"	
583	28	4'-0"	
584a	21	3'-9"	
584b	16	3'-7"	
585	16	2'-0"	
#5	1	8'-4"	
#5	14	5'-7"	
Total #5 Bars			590
#4	9	15'-5"	
#4	2	8'-2"	
Total #4 Bars			104
Total Epoxy Coated Steel			694
Concrete Class C in Railing			2.0 yd <sup>3</sup>
Surface Seal			13.4 yd <sup>2</sup>

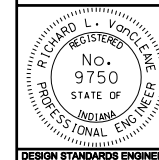
**45" TRUCK HEIGHT THRIE BEAM/  
CONCRETE BRIDGE RAILING TRANSITION**

INDIANA DEPARTMENT OF TRANSPORTATION

**CONCRETE BRIDGE RAILING  
TRANSITION TYPE TBT**

**SEPTEMBER 2006**

**STANDARD DRAWING NO. E 706-TTBT-03**



/s/ Richard L. VanCleave 9-01-06  
DESIGN STANDARDS ENGINEER DATE

/s/ Richard K. Smutzer 9-01-06  
CHIEF HIGHWAY ENGINEER DATE